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Body state monitoring apparatus in hospital, evaluates biological information regarding body state, based on detection output of acceleration, angular velocity and pulse wave sensors

ZH SHINSANGYO SOZO KENKYU KIKO 2001.07.12 2001JP-212911

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Addnl. Data: MICROSTONE KK (MICR-)

Novelty: The acceleration, angular velocity and pulse wave sensors mounted to a human body (4), detect the acceleration, angular velocity and pulse wave of the body, respectively. The apparatus evaluates the biological information regarding the body state, based on the output of the sensors.

Use: In hospital for monitoring state of human body and animal.

Advantage: As momentum and biological information are detected simultaneously, he abnormality of the state of health of a human body or animal, is grasped correctly.

Description of Drawing(s): The figure shows a perspective view of the body state monitoring apparatus. (Drawing includes non-English language text).

human body 4

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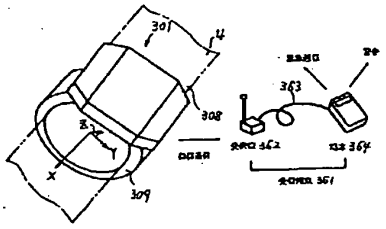
S02-B07; S02-G01; S02-G03; W06-A07



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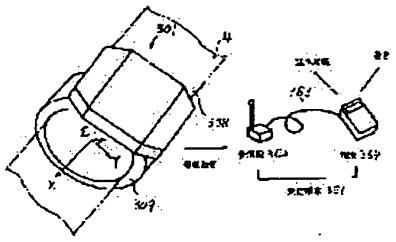
(54) MONITOR DEVICE FOR BODY STATE

(57)Abstract:
PROBLEM TO BE SOLVED: To monitor a body state by performing the evaluation of motion and the evaluation of physiological information at the same time.
SOLUTION: An acceleration sensor 11 and an angular velocity sensor 12 are mounted on the body such as an arm and a pulse wave sensor SR is also mounted thereon and the respective detection signals of the acceleration, angular velocity and pulse wave of these sensors are transmitted by a radio transmission means 22. The body state wherein both of the motion and the physiological information are combined can be monitored by using the data related to the motion of the acceleration and angular velocity and the physiological data being pulse waves. For example, a warning signal is outputted when pulsation is abnormally high through quantity of motion is little.



LEGAL STATUS

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